EIZO®

Diagnostic Monitors

RadiForce® G&R-Series

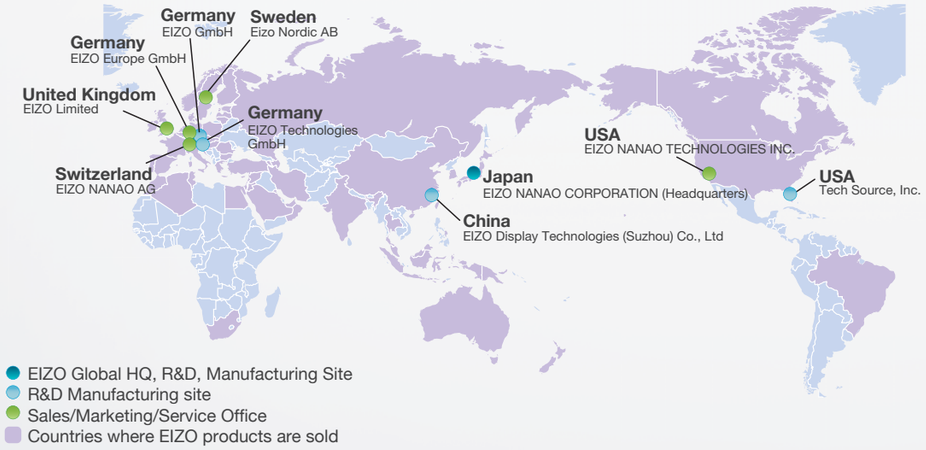
extracting the essence.

The EIZO Brand

Since our beginnings as an OEM manufacturer of black and white televisions in 1968, EIZO has been researching and developing visual display products. In 1981, we released our first CRT monitor for personal computers. And in 1985, we launched products for the European and American markets under the universal brand name “EIZO”.

To Markets Across the World

Today, EIZO monitors are highly regarded in various fields throughout the world because of their accurate and stable image display and innovative features. EIZO is based in Japan and represented in over sixty countries by a network of subsidiaries and exclusive distributors



Added Value

With our general-purpose FlexScan monitors at the core of our product lineup, we continue to develop products with added value that meet the advanced needs of specialized fields. The technologies we develop for specialized fields are further developed for each business unit so we can be first to market with new products.

Medical Monitor Solutions
RadiForce

Medical Monitor Solutions
RadiForce®

To carve out even the smallest details is essential in medical practice.

Because only people who can obtain a clear picture, and only those who can separate what is important from what is not, get clear results in medicine. Exceptional image quality, a perfectly coordinated network, support software, and excellent customer service are some of the reasons why EIZO RadiForce medical solutions can be found in leading hospitals around the world.

Because just like medical professionals, we always have one goal in mind:

extracting the essence.

Selecting the Optimum Monitors for Hospitals

Non-optimal monitor
for medical imaging

Optimum monitor
for medical imaging

Stability

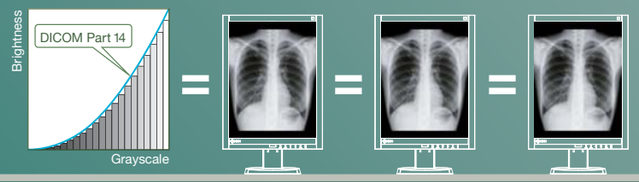
Monitor quality, which is determined by brightness, grayscale and brightness uniformity characteristics, change slowly over time.

It is important that you select monitors which are calibration compliant with the DICOM Part 14 to ensure continuing monitor quality control.

Quality Controlled

Harmony

Monitors have grayscale tone characteristics which may vary even between the same models. Therefore, when medical images are displayed on standard monitors, they may not offer unified display between multiple monitors.

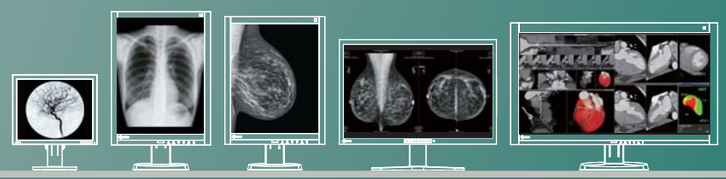


When displaying medical images, it is important that you select monitors which are calibration compliant with the DICOM Part 14 offering accurate rendering and unified display between multiple monitors.

Standard Compliant

Suitability

Information volume of a medical image differs depending on the modality which creates the image.



It is important to select a monitor with the resolution which suits the information volume of the medical image you need to display.

Comprehensive Lineup

RadiForce® G&R-Series

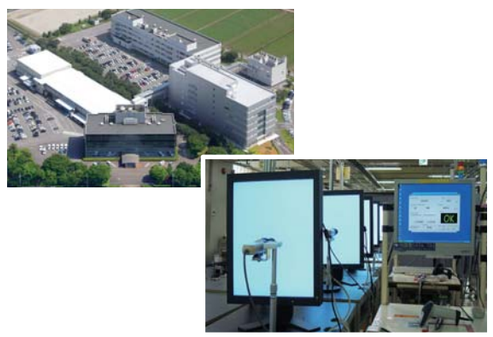
Diagnostic Monitors

RadiForce G&R-Series specially designed 1, 2, 3, 4, 5, 8 and 10 megapixel monochrome and color monitors take full account of medical institutions' need for different types of monitors with DICOM Part 14 standard calibration and high-performance capabilities required for confident diagnosis.

Common Features

Diagnostic Precision with DICOM Part 14 Factory Adjustment

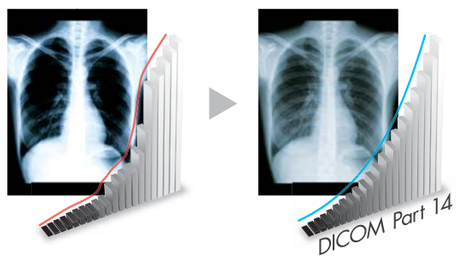
To ensure the most accurate and consistent shadings possible, EIZO carefully measures and sets every grayscale tones on the production line to produce a monitor compliant with DICOM Part 14.



Consistency with DICOM Part 14 Calibration

With the bundled RadiCS LE quality control software, a simplified calibration compliant with the DICOM Part 14 standard can be performed to correct the brightness and grayscale tones of the monitor ensuring the most accurate and consistent shadings possible over time.

RadiCS LE not bundled with GX1030 or SMD 19102.



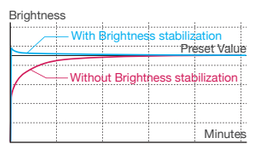
Brightness Uniformity for a Steadier Image Across the Screen

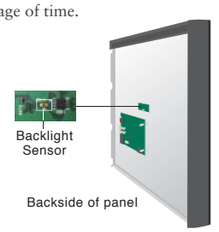
The Digital Uniformity Equalizer (DUE) function provides optimum backlight luminance uniformity which is difficult to attain due to the characteristics of LCD monitors.

All models except SMD 19102 and RS110.

Quick Brightness Stabilization for Instant Viewing

At startup or upon wakeup, the EIZO patented drift correction function quickly stabilizes the brightness level. In addition, a sensor measures the backlight brightness and compensates for brightness fluctuations caused by the ambient temperature and the passage of time.





Wide Viewing Angles for Multiple People Use

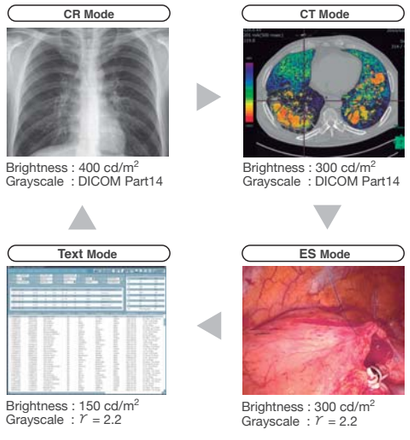
Wide viewing angles with minimal color shift when viewed from the side.

Common Features

Mode Selection for Optimum Viewing

Selectable with the front panel buttons, the CAL Switch function allows for various modes of different modalities such as CR, CT, and endoscope images.

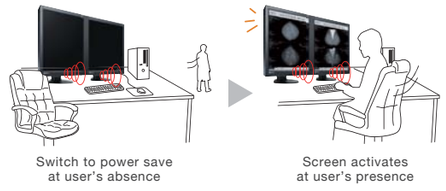
Number or type of the modes vary by model.



Presence Sensor for Power Savings

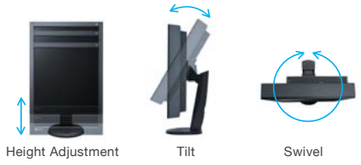
The presence sensor feature unites convenience with savings by ensuring that the monitor conserves power when it is not in use. The presence sensor prompts the monitor to switch to power save mode when it detects the user is away from the monitor, and then resume normal operation when the user returns.

All models except GX1030 and SMD 19102.
Clip-On Swing Sensor G2 (sold separately) necessary for RS210 and RS110.



Versatile Positioning for Improved Operability

EIZO's highly versatile stand offers tilt, swivel and a wide height adjustment range enabling you to use the monitor with greater comfort.



Brightness Stability Within Usage Time Guaranteed

EIZO's confidence in its product quality extends to brightness stability which is also covered during the usage time specified in the warranty.

Customer Assurance with Medical Standards

Meets the strictest medical, safety, and EMC emission standards.

Warranty with Safety and Trust

EIZO and its authorized distributors offer a five-year limited warranty.

10 & 5 Megapixel Diagnostic Monitors

With its widescreen format, the RadiForce GX1030 is an optimal replacement for dual head 5 megapixel display installations. Featuring high definition, high resolution and multi-grayscale, the RadiForce GX540 and GX530 are designed specifically for displaying digital mammography images.

GX1030
76 cm (30") LCD Monitor

GX530
54 cm (21.3") LCD Monitor

GX540
54 cm (21.3") LCD Monitor

Features

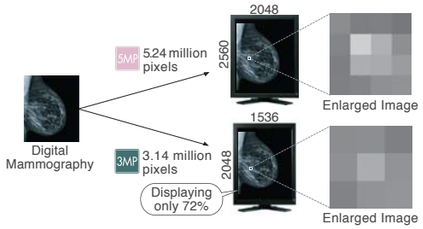
Environmentally-Friendly LED Backlight

By utilizing an energy-efficient LED as a backlight, the monitor achieves a high-brightness and low power consumption at the same time. Unlike conventional CCFL backlights, LED backlights deteriorate more slowly and thus the monitor offers a longer service life. Since the LED backlight is mercury free, it will reduce any potential impact on the environment when it is disposed of.

LED meets EIZO medical monitors
RadiForce® LED

High-Resolution

"Information volume" of a digital mammography image should exceed 5 million pixels. When a lower resolution monitor displays this "information volume," the monitor stretches the information forcing the mosaic to appear as shadings. With a 2048 x 2560 resolution or 5.24 million pixels, the stretching effect is minimized and the mosaic becomes suitable for rendering subtle masses and calcifications, within the mammography image.



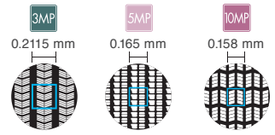
Two Monitors in One

With its 10 megapixel widescreen, the RadiForce GX1030 is an optimal replacement for traditional dual head 5 megapixel monitor installations. It is ideally suited for displaying digital mammography or other large and finely detailed DICOM images.

5MP Monitor x 2 | 10MP Monitor x 1

Finest Details with Mono-Pixel Design

Thanks to its unique Mono-Pixel design and a pixel pitch size of just 0.158 mm, the RadiForce GX1030 offers exceptionally high brightness levels and a wide aperture ratio to bring out the finest details with a smooth, clear representation.

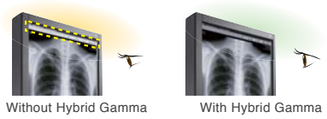


Pixel Size Comparison

Displaying with Separate Brightness Levels

For monochrome monitors, Hybrid Gamma function automatically distinguishes the medical images from the non-medical areas such as the tool palettes and displays each one at its optimum brightness. Decreasing the tool palette area's brightness leads to less eye fatigue.

Accuracy in distinction may depend on how images are aligned.
Viewer software compatibility verification is required.

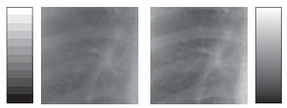


Without Hybrid Gamma | With Hybrid Gamma

10-Bit Simultaneous Grayscale Display

10-bit (1,024 tones) simultaneous grayscale display extends grayscale fidelity to the boundaries of human visual perception abilities and helps radiologists discern the finest nuances within an image.

10-bit graphics board and 10-bit viewer software needed for 10-bit display.

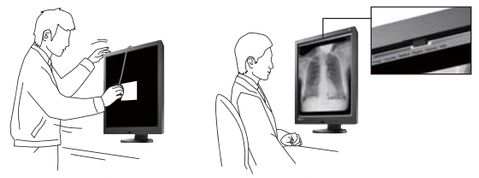


8-bit Displayed Image | 10-bit Displayed Image

Easy Calibration with Integrated Front Sensor

An Integrated Front Sensor (IFS) housed within the front bezel measures brightness and grayscale tones and calibrates to the DICOM Part 14 standard. Without having to connect and disconnect, an IFS performs QC tasks and does not interfere with the viewing area. This dramatically cuts monitor quality control workload and maintenance costs.

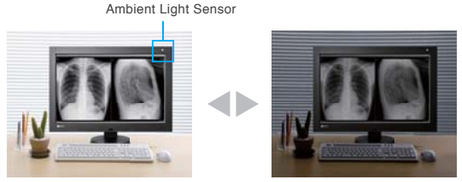
IFS of GX1030 does not support calibration.



Without IFS | With IFS

Optimized Brightness and Grayscale Tone with Ambient Light Tracking

To ensure DICOM conformance in changing room light conditions, Ambient Light Tracking (ALT) function with embedded ambient light sensor keeps checking the room light conditions and automatically optimizes the monitor's brightness and grayscale tone to DICOM Part 14.



8 & 4 Megapixel Diagnostic Monitors

The RadiForce RX840 is a new 8 megapixel super high resolution diagnostic color monitor for versatile medical imaging. The high resolution of 4 megapixels gives RadiForce RX440 and RX430 the same amount of screen size and number of pixels as two 2 megapixel monitors in portrait mode but without the obtrusive bezels.

RX840
92 cm (36.4") LCD Monitor

RX440
76 cm (29.8") LCD Monitor

RX430
76 cm (29.8") LCD Monitor

Features

Environmentally-Friendly LED Backlight

By utilizing an energy-efficient LED as a backlight, the monitor achieves a high-brightness and low power consumption at the same time. Unlike conventional CCFL backlights, LED backlights deteriorate more slowly and thus the monitor offers a longer service life. Since the LED backlight is mercury free, it will reduce any potential impact on the environment when it is disposed of.

LED meets EIZO medical monitors
RadiForce LED

8 Megapixel Super-High-Resolution Display

Within its 36.4-inch screen size, RadiForce RX840 is capable of displaying 8 megapixels (4096 x 2160 native resolution) of information volume without the obtrusive bezels. The monitor gives plenty of room to display all necessary imaging applications or windows at once.

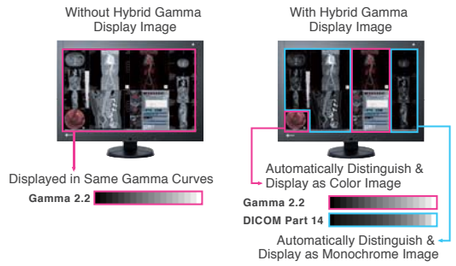
Colon Analysis Application

Cardiac Analysis Application

Color and Monochrome Images with Separate Gamma Curves

EIZO' s unique Hybrid Gamma function distinguishes whether the images being displayed are monochrome or color and displays each image in optimum brightness and grayscale tones. This expands the usability of PACS applications constantly attaining sufficiency with mix of color and monochrome medical images.

Accuracy in distinguishing between grayscale and color images may depend on how they are aligned. Viewer software compatibility verification is required.


Without Hybrid Gamma Display Image
With Hybrid Gamma Display Image
Displayed in Same Gamma Curves
Gamma 2.2
Automatically Distinguish & Display as Color Image
Gamma 2.2
DICOM Part 14
Automatically Distinguish & Display as Monochrome Image

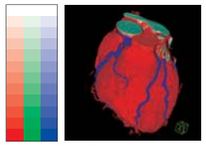
Dual-Screen Display on One Monitor

With Picture-by-Picture (PbyP) or Picture-in-Picture (PinP) functions, two screens from separate input signals can be displayed simultaneously on one monitor. A bezel-less widescreen enables simplified and flexible operation.

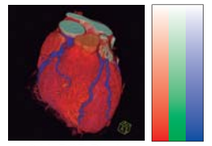
10-bit Color

The monitor can support 10-bit input for each RGB color, displaying more than one billion colors simultaneously. This ensures accurate reproduction of color tones for 3D color rendering and image fusion.

10-bit color graphics board and 10-bit color viewer software needed for 10-bit color display.



8-bit RGB Displayed Image

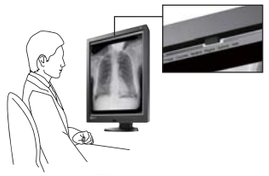


10-bit RGB Displayed Image

Easy Calibration with Integrated Front Sensor

An Integrated Front Sensor (IFS) housed within the front bezel measures brightness and grayscale tones and calibrates to the DICOM Part 14 standard. Without having to connect and disconnect, an IFS performs QC tasks and does not interfere with the viewing area. This dramatically cuts monitor quality control workload and maintenance costs.

Without IFS



With IFS

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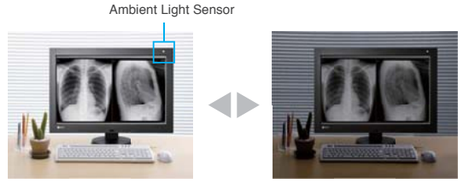
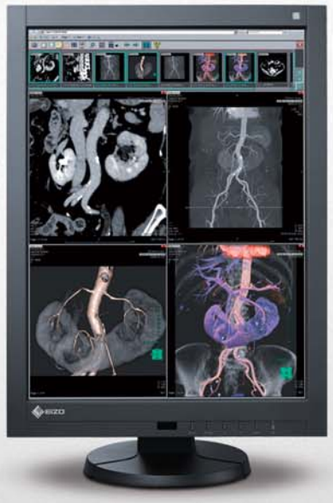


3, 2 & 1 Megapixel Diagnostic Monitors

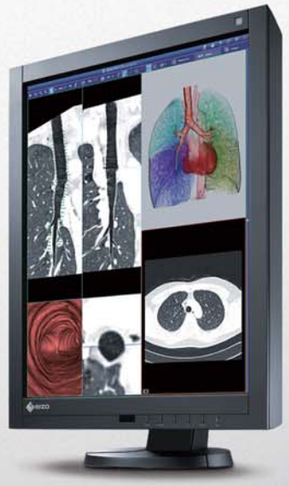
3 high-resolution megapixel monitors are capable of fully displaying chest X-ray images. 2 megapixel monitors are ideal for a wide variety of tasks from viewing CR, DR, MRI and CT images to use as a PACS/HIS/RIS terminal. The space-efficient 1 megapixel monitors are ideal for referral imaging and review of CT and MRI images in a distributed PACS environment.

GX340
54 cm (21.3") LCD Monitor



RX340
54 cm (21.2") LCD Monitor

GX240
54 cm (21.3") LCD Monitor



RX240
54 cm (21.3") LCD Monitor

RS210
54 cm (21.3") LCD Monitor

SMD 19102
48 cm (19") LCD Monitor

RS110
48 cm (19") LCD Monitor

Features

Environmentally-Friendly LED Backlight

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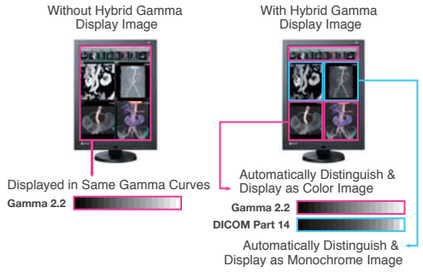
LED meets EIZO medical monitors
RadiForce® LED

Color and Monochrome Images with Separate Gamma Curves

EIZO' s unique Hybrid Gamma function distinguishes whether the images being displayed are monochrome or color and displays each image in optimum brightness and grayscale tones. This expands the usability of PACS applications constantly attaining sufficiency with mix of color and monochrome medical images.

Accuracy in distinguishing between grayscale and color images may depend on how they are aligned. Viewer software compatibility verification is required.


Without Hybrid Gamma Display Image
With Hybrid Gamma Display Image
Displayed in Same Gamma Curves
Gamma 2.2
Automatically Distinguish & Display as Color Image
Gamma 2.2
DICOM Part 14
Automatically Distinguish & Display as Monochrome Image

Displaying with Separate Brightness Levels

For monochrome monitors, Hybrid Gamma function automatically distinguishes the medical images from the non-medical areas such as the tool palettes and displays each one at its optimum brightness. Decreasing the tool palette area's brightness leads to less eye fatigue.

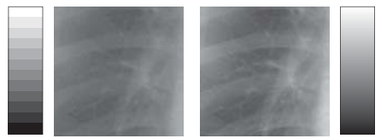
Accuracy in distinction may depend on how images are aligned. Viewer software compatibility verification is required.

Without Hybrid Gamma With Hybrid Gamma

10-Bit Simultaneous Grayscale Display

10-bit (1,024 tones) simultaneous grayscale display extends grayscale fidelity to the boundaries of human visual perception abilities and helps radiologists discern the finest nuances within an image.

10-bit graphics board and 10-bit viewer software needed for 10-bit display.

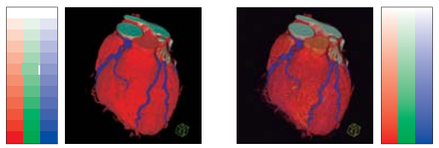


8-bit Displayed Image 10-bit Displayed Image

10-bit Color

The monitor can support 10-bit input for each RGB color, displaying more than one billion colors simultaneously. This ensures accurate reproduction of color tones for 3D color rendering and image fusion.

10-bit color graphics board and 10-bit color viewer software needed for 10-bit color display.



8-bit RGB Displayed Image 10-bit RGB Displayed Image

Easy Calibration with Integrated Front Sensor

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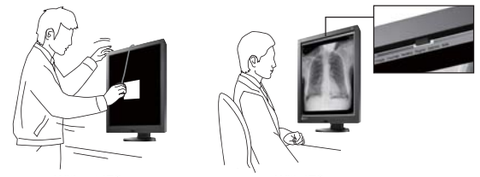
IFS of GX1030 does not support calibration. SMD 19102 and RS110 does not support IFS.



Without IFS With IFS

Wide Range of Input Support

Multiple input signal support, including DVI-I, BNC, D-Sub mini 15 pin, and S-Video, allows for connecting with any legacy or state-of-the-art modality system.

Graphics Board Compatibility

EIZO-recommended graphics boards come with drivers that have validated for use with RadiForce monitors. This contributes to smooth installation of monitors into the hospital systems where high reliability and stable operation are required.

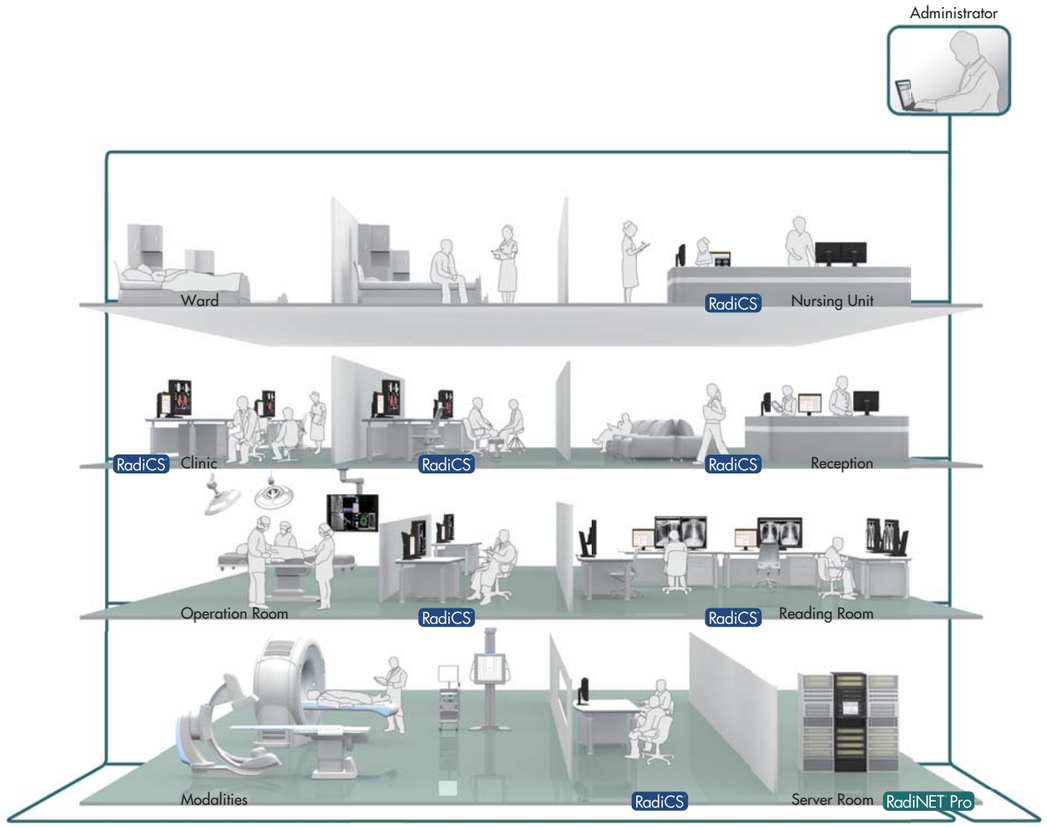
	Xenia Pro	Xenia	MED-V5800	MED-V4800	MED-V3800
Bus Interface	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16
Compatible OS	Windows 7 / Vista / XP	Windows 7 / Vista / XP	Windows 7 / Vista / XP	Windows 7 / Vista / XP	Windows 7 / Vista / XP
Frame Buffer Memory	1 GB	512 MB	1 GB	1 GB	512 MB
Display Grayscale Tones / Colors	10-bit , 8-bit	10-bit , 8-bit	10-bit , 8-bit	10-bit , 8-bit	10-bit , 8-bit
Output Terminal	DVI-I x 3	DVI-I x 3	DVI-I x 1, DisplayPort x 2	DVI-I x 1, DisplayPort x 2	DVI-I x 1, DisplayPort x 1
Maximum Power Consumption	36.3 W	34.3 W	74 W	69 W	43 W
Slot(s)	1	1	1	1	1
Chassis	Standard	Standard	Standard	Standard	Standard & Low-Profile
Dimensions (W x H)	167.6 x 111.1mm	167.6 x 111.1 mm	228.6 x 111.1 mm	167.6 x 111.1 mm	167.6 x 69.8 mm
10MP GX1030	10bit 8bit		10bit 8bit	10bit 8bit	10bit 8bit
8MP RX840	8bit		10bit 8bit	10bit 8bit	10bit 8bit
5MP GX540	8bit		10bit 8bit	10bit 8bit	10bit 8bit
5MP GX530	8bit		10bit 8bit	10bit 8bit	10bit 8bit
4MP RX440	8bit		10bit 8bit	10bit 8bit	10bit 8bit
4MP RX430	10bit 8bit		10bit 8bit	10bit 8bit	10bit 8bit
3MP GX340	8bit	8bit	10bit 8bit	10bit 8bit	10bit 8bit
3MP RX340	8bit	8bit	10bit 8bit	10bit 8bit	10bit 8bit
2MP GX240	8bit	8bit	10bit 8bit	10bit 8bit	10bit 8bit
2MP RX240	8bit	8bit	10bit 8bit	10bit 8bit	10bit 8bit
2MP RS210	8bit	8bit	10bit 8bit	10bit 8bit	10bit 8bit
1MP SMD 19102	8bit	8bit	8bit	8bit	8bit
1MP RS110	8bit	8bit	8bit	8bit	8bit

10bit 8bit 10bit Recommended 10bit 8bit Compatible

Graphics board compatibility is subject to change without notice. Please check the website for updates.

Monitor Quality Control Solutions

With filmless imaging spreading in the medical world, there is a growing interest in maintaining the quality of monitors displaying medical images. With the know-how and experience as a specialist in monitor manufacturing, we offer state-of-the-art solutions for the quality control of monitors which will lead to the improvement of the quality of medical care itself.



Client Quality Control Software

RadiCS®

- User-Friendly Interface and Enhanced Operability
- Acceptance and Constancy Testing in Easy Steps
- Flexible Schedule Setting
- DICOM Part 14 Calibration

Administrator Network QC Management Software

[For Small & Medium Sized Hospitals]
RadiNET® Pro Starter Edition
[For Large Sized Hospitals]
RadiNET® Pro

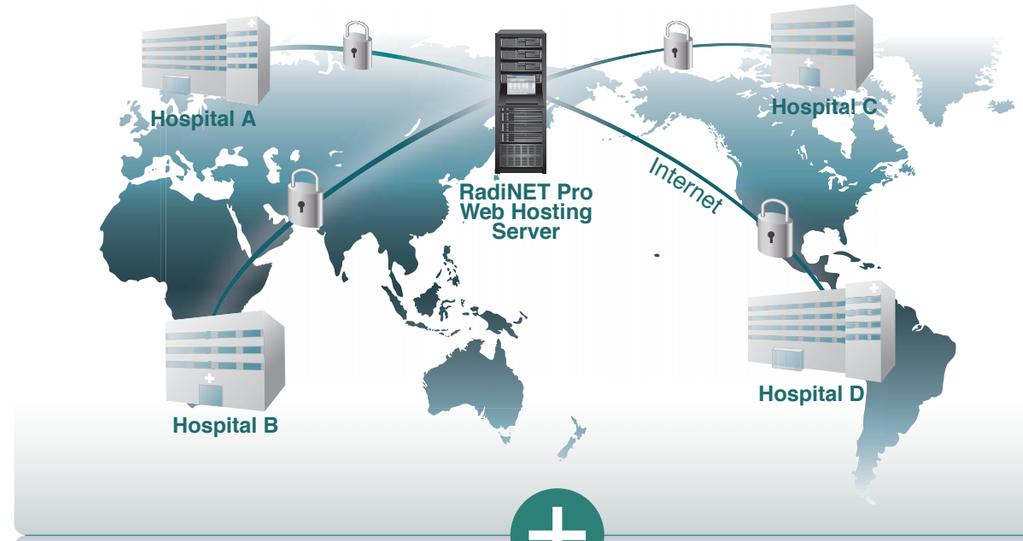
- Centralized Management of up to 8,000 Monitors
- Easy-to-Use Web-Based Application
- To-Do List and Alert Mail for Immediate Maintenance
- Save Time with Remote Calibration

Smart QC Solutions

Server Network QC Management Server Providing

RadiNET® Pro Web Hosting

Instead of installing and setting up your own network QC management server in your hospital, EIZO will host the server for you. RadiNET Pro Web Hosting will free you from concern for initial investment and running cost. EIZO provides expert maintenance services for server operation which will give you reassurance you need for monitor QC.

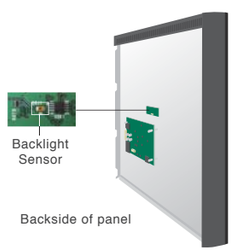


Client

Useful Sensors:

Choice of sensors to lighten the workload of quality control management.

Built-In		External	
Integrated Front Sensor	**Backlight Sensor**	**UX1 Sensor**	**Clip-On Swing Sensor G2**
Integrated Front Sensor (IFS) housed within the front bezel does not interfere with the screen even during its use.	Built-in backlight sensor inspects monitor quality by measuring the backlight brightness directly.	External sensor assures high-precision calibration.	Clip-on sensor attachable to the monitor bezel and appears on the display only during QC tasks.



Specifications

10MP RadiForce GX1030

8MP RadiForce RX840

5MP RadiForce GX540

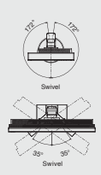
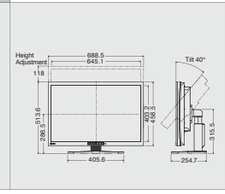
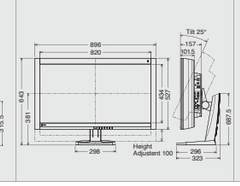
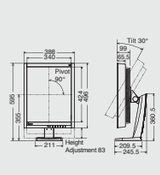
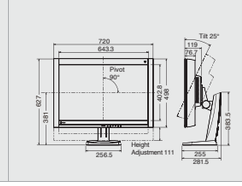
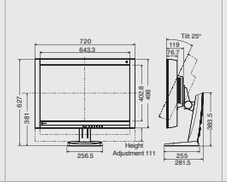
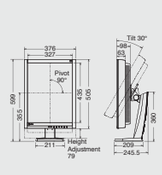
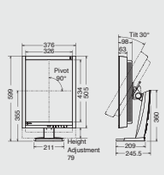
5MP RadiForce GX530

4MP RadiForce RX440

4MP RadiForce RX430

3MP RadiForce GX340

3MP RadiForce RX340

Model Variations		GX1030-CL: Clear Base GX1030-BL: Blue Base	—	GX540-CL: Clear Base GX540-CL-P: Pairing	GX530-CL: Clear Base GX530-CL-P: Pairing GX530-BL: Blue Base GX530-BL-P: Pairing	—	RX430: With Stand, Without Panel Protector RX430-FC: Without Stand, With Panel Protector	GX340-CL: Clear Base GX340-CL-P: Pairing	—
Cabinet Color		Black	Black	Black	Black	Black	Black	Black	Black
Panel	Type	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)	TFT Monochrome LCD Panel (IPS)	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)	TFT Color LCD Panel (IPS)	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)
	Backlight	CCFL	LED	LED	CCFL	LED	CCFL	LED	LED
	Size	76 cm / 30" (763 mm diagonal)	92 cm / 36.4" (923 mm diagonal)	54 cm / 21.3" (540 mm diagonal)	54 cm / 21.3" (540 mm diagonal)	76 cm / 29.8" (756 mm diagonal)	76 cm / 29.8" (756 mm diagonal)	54 cm / 21.3" (541 mm diagonal)	54 cm / 21.2" (539 mm diagonal)
	Native Resolution	4096 x 2560	4096 x 2160	2048 x 2560	2048 x 2560	2560 x 1600	2560 x 1600	1536 x 2048	1536 x 2048
	Display Size (H x V)	645.1 x 403.2 mm	817.1 x 430.9 mm	337.9 x 422.4 mm	337.9 x 422.4 mm	641.2 x 400.8 mm	641.2 x 400.8 mm	324.8 x 433.1 mm	323.7 x 431.6 mm
	Pixel Pitch	0.158 x 0.158 mm	0.1995 x 0.1995 mm	0.165 x 0.165 mm	0.165 x 0.165 mm	0.2505 x 0.2505 mm	0.2505 x 0.2505 mm	0.2115 x 0.2115 mm	0.21075 x 0.21075 mm
	Grayscale Tones / Display Colors	1,024 from a palette of 4,096 tones	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit (DisplayPort): 1,024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones	10-bit (DisplayPort): 1,024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit (DisplayPort): 1,024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors
	Viewing Angles (H / V, typical)	170°, 170°	176°, 176°	176°, 176°	170°, 170°	176°, 176°	170°, 170°	176°, 176°	170°, 170°
	Brightness (typical)	1,250 cd/m^2	700 cd/m^2	1,200 cd/m^2	1,200 cd/m^2	750 cd/m^2	1000 cd/m^2	1,200 cd/m^2	1,000 cd/m^2
	Recommended Brightness for Calibration	500 cd/m^2	400 cd/m^2	500 cd/m^2	500 cd/m^2	400 cd/m^2	400 cd/m^2	500 cd/m^2	400 cd/m^2
	Contrast Ratio (typical)	850:1	1000:1	1200:1	1200:1	1100:1	1100:1	1400:1	1400:1
	Response Time (typical)	35 ms (On/Off)	25 ms (On/Off)	25 ms (On/Off)	25 ms (On/Off)	20 ms (On/Off)	20 ms (On/Off)	40 ms (On/Off)	22 ms (On/Off)
Video Signals	Input Terminals	DVI-D x 2 (two inputs are required)	DVI-D (dual link) x 2, DisplayPort x 2 (two inputs are required)	DVI-D (dual link) x 1, DisplayPort x 1	DVI-D (dual link) x 1, DisplayPort x 1	DVI-D (dual link) x 1, DVI-D (single link) x 1, DisplayPort x 1	DVI-D (dual link) x 1, DisplayPort x 1	DVI-D (dual link) x 1, DisplayPort x 1	DVI-D (dual link) x 1, DisplayPort x 1
	Digital Scanning Frequency (H / V)	31 - 135 kHz, 19 - 51 Hz Frame synchronous mode: 24.5 - 25.5 Hz, 49 - 51 Hz	31 - 140 kHz, 29.5 - 30.5 Hz (2048 x 2160, 1920 x 2160), 59 - 61 Hz, (VGA Text: 69 - 71 Hz) Frame synchronous mode: 29.5 - 30.5 Hz, 59 - 61 Hz	31 - 135 kHz, 24 - 61 Hz Frame synchronous mode: 24.5 - 25.5 Hz, 49 - 51 Hz	31 - 135 kHz, 24 - 61 Hz Frame synchronous mode: 24.5 - 25.5 Hz, 49 - 51 Hz	31 - 159 kHz, 29 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz, 29.5 - 30.5 Hz	31 - 100 kHz, 29.5 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz, 29.5 - 30.5 Hz	31 - 127 kHz, 29 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 29.5 - 30.5 Hz, 59 - 61 Hz	31 - 127 kHz, 29 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 29.5 - 30.5 Hz, 59 - 61 Hz
	Analog Scanning Frequency (H / V)	—	—	—	—	—	—	—	—
	Sync Formats	—	—	—	—	—	—	—	—
USB	Function	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream
	Standard	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0
Power	Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
	Maximum Power Consumption	140 W	350 W	102 W	130 W	167 W	200 W	90 W	125 W
	Typical Power Consumption	74 W	170 W	47 W	64 W	84 W	109 W	36 W	56 W
	Power Save Mode	Less than 2 W	Less than 6 W	Less than 0.7 W	Less than 2.5 W	Less than 0.7 W	Less than 1 W	Less than 1.6 W	Less than 3 W
	Power Management	DVI DMPM	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a
Sensor		Backlight Sensor, Integrated Front Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor
OSD Languages		English	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifications	Net Weight	15.3 kg	30.9 kg (AC adapter included)	11.5 kg	10.5 kg	20.2 kg	19.2 kg	10.2 kg	10.7 kg
	Net Weight (Without Stand)	11.8 kg	23.2 kg	8.8 kg	7.8 kg	16 kg	RX430 : 15.2 kg RX430-FC : 16 kg	7.5 kg	8 kg
	Hole Spacing (VESA Standard)	200 x 100 mm and 100 x 100 mm	200 x 200 mm	100 x 100 mm	100 x 100 mm	200 x 100 mm and 100 x 100 mm	200 x 100 mm and 100 x 100 mm	100 x 100 mm	100 x 100 mm
Certifications & Standards [1]		CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, FCC-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1,CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R
FDA 510(k) Clearance		Yes (for Mammography and General Radiography)	Yes (for General Radiography) [2]	Pending (for Mammography and General Radiography)	Yes (for Mammography and General Radiography)	Pending (for General Radiography) [2]	Yes (for General Radiography) [2]	Yes (for General Radiography) [2]	Yes (for General Radiography) [2]
Supplied Accessories		AC power cord, dual link signal cable (DVI-D - DVI-D) x 2, DVI-D - DisplayPort adapter x 2, USB cable, Utility Disk (user's manual)	AC power cord, AC adapter, dual link signal cable (DVI-D - DVI-D) x 2, signal cable (DisplayPort - DisplayPort) x 2, USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual), 4 screws for mount option	AC power cord, dual link signal cable (DVI-D - DVI-D), signal cable (DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)	AC power cord, dual link signal cable (DVI-D - DVI-D), signal cable (DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)	AC power cord, dual link signal cable (DVI-D - DVI-D), signal cable (DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)	AC power cord, dual link signal cable (DVI-D - DVI-D), signal cable (DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical), ScreenCleaner (RX430-FC only), user's manual	AC power cord, dual link signal cable (DVI-D - DVI-D), signal cable (DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)	AC power cord, dual link signal cable (DVI-D - DVI-D), signal cable (DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)
Warranty		Five Years	Five Years	Five Years	Five Years	Five Years	Five Years	Five Years	Five Years
Dimensions (Unit: mm) GX1030 :									

[1] *Please contact the EIZO group company or distributor in your country for the latest information.* [2] *Display of mammography images for diagnosis is not supported.*

Specifications

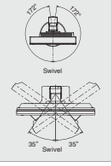
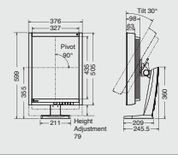
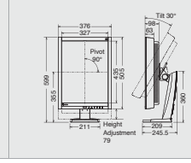
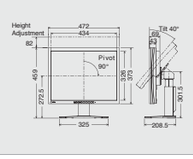
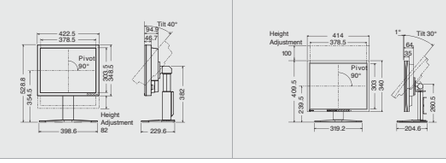
2MP RadiForce GX240

2MP RadiForce RX240

2MP RadiForce RS210

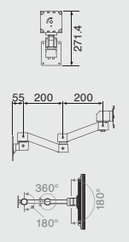
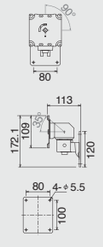
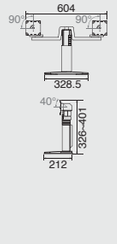
1MP SMD 19102

1MP RadiForce RS110

		GX240	RX240	RS210	SMD 19102	RS110
Model Variations		GX240-CL: Clear Base GX240-CL-P: Pairing	—	—	SMD 19102 D: With Stand SMD 19102 DL: With Stand, with Last Image Hold function SMD 19102 C: Without Stand SMD 19102 CP: Without Stand, with Panel Protector	—
Cabinet Color		Black	Black	Black	Anthracite Gray	Black
Panel	Type	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)	TFT Color LCD Panel (IPS)	TFT Monochrome LCD Panel (IPS)	TFT Color LCD Panel (IPS)
	Backlight	LED	LED	CCFL	CCFL	CCFL
	Size	54 cm / 21.3" (540 mm diagonal)	54 cm / 21.3" (540 mm diagonal)	54 cm / 21.3" (540 mm diagonal)	48 cm / 19" (481 mm diagonal)	48 cm / 19" (481 mm diagonal)
	Native Resolution	1200 x 1600	1200 x 1600	1600 x 1200	1280 × 1024	1280 × 1024
	Display Size (H x V)	324.0 x 432.0 mm	324.0 x 432.0 mm	432.0 x 324.0 mm	376.0 × 301.0 mm	376.3 x 301.0 mm
	Pixel Pitch	0.270 x 0.270 mm	0.270 x 0.270 mm	0.270 x 0.270 mm	0.294 x 0.294 mm	0.294 x 0.294 mm
	Grayscale Tones / Display Colors	10-bit (DisplayPort): 1,024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	256 tones	16.77 million from a palette of 1.06 billion colors
	Viewing Angles (H / V, typical)	176°, 176°	176°, 176°	170°, 170°	170°, 170°	176°, 176°
	Brightness (typical)	1,200 cd/m^2	760 cd/m^2	300 cd/m^2	1,000 cd/m^2	290 cd/m^2
	Recommended Brightness for Calibration	500 cd/m^2	400 cd/m^2	150 cd/m^2	400 cd/m^2	170 cd/m^2
	Contrast Ratio (typical)	1400:1	1200:1	1000:1	900:1	800:1
	Response Time (typical)	40 ms (On/Off)	40 ms (On/Off)	25 ms (On/Off)	25 ms (On/Off)	20 ms (On/Off)
Video Signals	Input Terminals	DVI-D x 1, DisplayPort x 1	DVI-D x 1, DisplayPort x 1	DVI-I x 2, DisplayPort x 1	DVI-I x 1, D-Sub mini 15 pin x 1, BNC x 4, S-Video x 1	DVI-I x 1, D-Sub mini 15 pin x 1
	Digital Scanning Frequency (H / V)	31 - 100 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz	31 - 100 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz	31 - 100 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)	31 - 100 kHz, 48 - 85 Hz	30 - 65 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)
	Analog Scanning Frequency (H / V)	—	—	31 - 100 kHz, 49 - 86 Hz (1600 x 1200: 49 - 61 Hz) Frame synchronous mode: 59 - 61 Hz	24 - 100 kHz, 50 -100 Hz	30 - 82 kHz, 49 - 86 Hz (1280 x 1024: 49 - 76 Hz) Frame synchronous mode: 57.5 - 62 Hz
	Sync Formats	—	—	Separate, Composite, Sync-on-Green	Separate, Composite, Sync-on-Green	Separate, Composite, Sync-on-Green
USB	Function	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	—	1 upstream, 2 downstream
	Standard	Rev. 2.0	Rev. 2.0	Rev. 2.0	—	Rev. 2.0
Power	Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
	Maximum Power Consumption	76 W	105 W	64 W	58 W	55 W
	Typical Power Consumption	29 W	52 W	37 W	26 W	31 W
	Power Save Mode	Less than 1.6 W	Less than 1.6 W	Less than 0.8 W	Less than 8 W	Less than 1.3 W
	Power Management	DVI DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.1a	Digital: DVI DMPM, DisplayPort 1.1a, Analog: VESA DPM	Digital: DVI DMPM, Analog: VESA DPM	Digital: DVI DMPM, Analog: VESA DPM
Sensor		Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor	Backlight Sensor	Backlight Sensor
OSD Languages		English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifications	Net Weight	10.2 kg	10.2 kg	10.3 kg	SMD 19102 D, SMD 19102 DL: 10.7 kg SMD 19102 C: 6.4 kg SMD 19102 CP: 7 kg	7.2 kg
	Net Weight (Without Stand)	7.5 kg	7.5 kg	7.1 kg	—	5.3 kg
	Hole Spacing (VESA Standard)	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm
Certifications & Standards [1]		CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, FCC-A, RoHS, China RoHS, WEEE, CCC, GOST-R	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R
FDA 510(k) Clearance		Yes (for General Radiography) [2]	Yes (for General Radiography) [2]	Yes (for General Radiography) [2]	—	Yes (for General Radiography) [2]
Supplied Accessories		AC power cord, signal cable (DVI-D - DVI-D, DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)	AC power cord, signal cable (DVI-D - DVI-D, DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)	AC power cord, signal cables (DVI-D - DVI-D, DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical), user's manual	AC power cord, signal cable (DVI-D - DVI-D), Utility Disk (user's manual)	AC power cord, signal cables (DVI-D - DVI-D), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical), ToneCurve Tuning Utility, user's manual, warranty card
Warranty		Five Years	Five Years	Five Years	Five Years	Five Years
Dimensions (Unit: mm) RS210, SMD 19102, RS110 :						

[1] Please contact the EIZO group company or distributor in your country for the latest information. [2] Display of mammography images for diagnosis is not supported.

Accessory Compatibility

	Wall Mount Arm		Dual Height Adjustable Stand	Panel Protector
	LA-030-W	LA-011-W	LS-HM1-D	Panel Protector
Available Colors	Black, Gray	Black	Black, Gray	—
Mounting Desk / Wall Requirements	130 kg min.	130 kg min.	To be used with same model only.	—
Height Adjustment Range	—	—	75 mm, 6 stages (0 / 15 / 30 / 45 / 60 / 75 mm)	—
Horizontal Slide Range	—	—	80 mm max.	—
Load Capacity	4 - 9 kg	4 - 9 kg	—	—
Weight	2.8 kg	1.4 kg	6.8 kg	—
Hole Spacing (VESA Standard)	100 x 100 mm	100 x 100 mm	100 x 100 mm	—
Surface Treatment	—	—	—	Anti-Glare Type
Light Transmission	—	—	—	More than 95% (RP-904, RP-701: More than 99%)
10MP GX1030	—	—	—	—
8MP RX840	—	—	—	—
5MP GX540	○	○	○	RP-911
5MP GX530	○	○	○	RP-904
4MP RX440	—	—	—	—
4MP RX430	—	—	—	(RX430-FC : Built-In Panel Protector)
3MP GX340	○	○	○	RP-913
3MP RX340	○	○	○	RP-912
2MP GX240	○	○	○	RP-913
2MP RX240	○	○	○	RP-913
2MP RS210	○	○	○	RP-902
1MP SMD 19102	○	○	○	—
1MP RS110	○	○	○	RP-701
Dimensions (Unit: mm)				

Monitor Cleaning Kit

ScreenCleaner

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